

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 11 | ("5201708" "5385551" "6162197" "6203529" "6322540").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 14:22 |
| S2 | 10 | ((("4894055") or ("5201708") or ("6126194") or ("6322540") or ("5169392"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 12:54 |
| S3 | 10 | ((("5201721") or ("5415645") or ("5417662") or ("5429612") or ("5478316"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 12:55 |
| S4 | 2 | ("20020004648").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 12:56 |
| S5 | 2 | ("20020010422").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 12:56 |
| S6 | 32 | ((("5545145") or ("5634910") or ("5709662") or ("5829589") or ("5843036") or ("5873462") or ("5873856") or ("5941857") or ("5944700") or ("5951530") or ("5964731") or ("5980491") or ("5984906") or ("6017329") or ("6077253") or ("5417660"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 12:59 |
| S7 | 1443 | (604/110).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 12:59 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S8 | 140 | (604/136).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 13:30 |
| S9 | 131 | (604/134).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 13:31 |
| S10 | 44 | (604/137).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 13:31 |
| S11 | 1312 | (604/192).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 13:32 |
| S12 | 0 | (128/218).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 13:32 |
| S13 | 88 | (604/130).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 13:33 |
| S14 | 0 | ("("20010020155" "6146361" "6312413").PN.").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/22 08:35 |
| S15 | 6 | ("20010020155" "6146361" "6312413").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/22 08:48 |

EAST Search History

| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| S16 | 3 | "60305733" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/22 09:14 |
| S17 | 2 | "60239172" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/22 08:50 |
| S18 | 17 | "5961495" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/22 10:41 |
| S19 | 6 | ("5046509" "5411480" "5501674"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/22 10:41 |
| S20 | 15 | ("3920002" "4140108" "4215690" "4385637" "4447235" "4763648" "4838855" "4844087").PN. OR ("5046509"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/22 11:01 |
| S21 | 139 | "4143853" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 10:10 |
| S22 | 2 | ("4143853").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/25 10:10 |
| S23 | 11 | "6203259" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 14:48 |

EAST Search History

| | | | | | | |
|-----|----|---|---|----|----|------------------|
| S24 | 5 | "6203529" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 14:48 |
| S25 | 45 | ("1274081" "1934046" "20010011171" "20010012925" "20020038111" "20020068909" "20020193740" "20030014018" "20030199822" "20050113753" "2876770" "3073306" "3400715" "4373526" "4468223" "4769003" "4774948" "4834704" "4883573" "4898588" "4955871" "4978344" "5137516" "5141496" "5147328" "5190521" "5195526" "5222949" "5417662" "5478316" "5536945" "5578014" "5672883" "5873856" "5921963" "6099504" "6200291" "6203529" "6210369" "7141039").PN. OR ("7241275").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/06 14:49 |
| S26 | 9 | ("2876770" "5292314" "5403286" "5429612" "5578014" "5658256").PN. OR ("6203529"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/06 14:59 |
| S27 | 1 | ("2003/0014018").URPN. | USPAT | OR | ON | 2007/09/06 15:05 |
| S28 | 9 | ("2876770" "5292314" "5403286" "5429612" "5578014" "5658256").PN. OR ("6203529"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/06 15:11 |
| S29 | 10 | ("3853127" "4802885" "5147483" "5961497").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/11 14:23 |
| S30 | 24 | ("3402710" "3638649" "4151392" "4273983" "4412573" "4496350" "4673394" "4772270" "4904241" "4905682" "4929236" "5006115").PN. OR ("5147483").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 14:24 |

EAST Search History

| | | | | | | |
|-----|----|---|------------------------------|----|----|------------------|
| S31 | 65 | ("3898988" "4452473" "4557722" "4588394" "4592749" "4655765" "4665959" "4673394" "4675007" "4704103" "4710174" "4723948" "4738657" "4767410" "4772270" "4772276" "4778452" "4781680" "4781685" "4802885" "4836873" "4838887" "4840615" "4861341" "4871351" "4880414" "4892518" "4904241" "4915690" "4929236" "4963133" "4978338" "4994048" "5006115" "5013298" "5026344" "5041098" "5045060" "5085644" "5090954" "5092849" "5108377" "5129891" "5137529" "5147483" "5149330" "5167638" "5171228" "5178612" "5180365" "5185003" "5213574" "5281199" "5312337" "5318545" "5336194" "5360407" "5387192" "5558641").PN. OR ("5989216"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 15:01 |
| S32 | 3 | ("4942669" "5380304" "5700253"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 15:01 |
| S33 | 26 | ("3485234" "3498286" "3924632" "4044765" "4425919" "5217440").PN. OR ("5700253"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 15:01 |
| S34 | 34 | ("1538678" "1538679" "2747574" "3154074" "3332424" "3592197" "4636199" "4932413" "4942669" "4981477" "5041083" "5131380" "5154005" "5344413" "5372592" "5380304" "5407441" "5531717" "5569159" "5620408" "5700253" "5718678" "5891112" "5906584" "6210358" "6290666" "6872198" "D318733" "D335710").PN. OR ("7135015"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 15:04 |
| S35 | 17 | ("4877033" "5429118").PN. OR ("5569159").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 15:09 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|------|----|------------------|
| S36 | 29 | ("1538678" "1538679" "2747574" "3154074" "3592197" "4636199" "4932413" "4942669" "4981477" "5041083" "5131380" "5154005" "5344413" "5372592" "5407441" "5531717" "5569159" "5620408" "5718678" "5891112" "5906584" "6210358" "D318733" "D335710").PN. OR ("6471684").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 15:14 |
| S37 | 286 | hourglass handle | US-PGPUB; USPAT; USOCR | SAME | ON | 2007/09/11 15:14 |
| S38 | 24 | ("3402710" "3638649" "4151392" "4273983" "4412573" "4496350" "4673394" "4772270" "4904241" "4905682" "4929236" "5006115").PN. OR ("5147483").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 10:35 |
| S39 | 1 | "11450655" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/13 14:06 |
| S40 | 0 | ("2006/0229496").URPN. | USPAT | OR | ON | 2007/09/13 14:08 |
| S41 | 11 | ("4474174" "4700694" "5397302" "5536248" "5599299" "5599300" "5788681" "5843028" "6007522" "6096009" "7076285").PN. | USPAT | OR | ON | 2007/09/13 14:08 |

EAST Search History

| | | | | | | |
|-----|----|--|------------------------------|----|----|------------------|
| S42 | 79 | ("1204053" "2623520" "3015869" "3536281" "4696668" "4748982" "4781677" "4835824" "4844092" "4900184" "4905667" "4917103" "4927418" "4928693" "4946443" "4988356" "4997421" "5040548" "5061273" "5064414" "5125915" "5135535" "5167634" "5195978" "5205822" "5232445" "5248306" "5279562" "5290232" "5290241" "5300085" "5306247" "5308318" "5324269" "5334143" "5334187" "5350395" "5364355" "5370623" "5397302" "5451233" "5480389" "5496346" "5501227" "5536248" "5540236" "5599299" "5599300" "5626600" "5725504" "B14762129").PN. OR ("6096009"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 15:29 |
| S43 | 2 | ("4142525" "6227200").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 15:29 |

EAST Search History

| | | | | | | |
|-----|-----|--|------------------------------|----|----|------------------|
| S44 | 96 | ("3831629" "3902500" "3937220" "3991762" "4015336" "4047527" "4193406" "4351328" "4468224" "4516573" "4573965" "4573979" "4574173" "4595005" "4638539" "4649913" "4657008" "4696305" "4705073" "4834726" "4909248" "4929426" "4967743" "5060646" "5073164" "5083561" "5088486" "5107829" "5125893" "5134996" "5139018" "5140983" "5158569" "5184611" "5191881" "5213096" "5215522" "5230332" "5242084" "5254098" "5255676" "5277177" "5300043" "5309902" "5309904" "5325850" "5325851" "5333606" "5333607" "5337780" "5343857" "5346478" "5349950" "5354267" "5355876" "5357946" "5368017" "5445141" "5449348" "5460613" "5487381" "5490503" "5496287" "5513627" "5513628" "5578006" "5582161" "5582165" "5598840" "5605149" "5628306" "5642726" "5664594" "5676136" "5769702" "5813402" "5855562" "5882348" "5919174" "D312880").PN. OR ("6227200").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 15:33 |
| S45 | 184 | ("2781778" "2888238" "3419041" "3508576" "3797486" "3859998" "3906932" "3934576" "3942916" "4016879" "4030495" "4141379" "4193399" "4200096" "4230123" "4231367" "4269186" "4305395" "4306562" "4310017" "4354492").PN. OR ("4468224"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/14 11:32 |
| S46 | 42 | "5125893" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/14 11:37 |
| S47 | 9 | ("4142525" "4468224" "4944726" "5405340" "5575769" "6033393" "6227200" "6375637" "6442415").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/14 11:37 |